

Ravichandran

Email: ravichandran.mrc@gmail.com

Mob : 9789778275

Sudarshan Nivas,

5/543, II Phase, Muneeswar Nagar,

Hosur - 635109

Mechanical Engineering Professional

To work in a pragmatic way in a growth-oriented organization, to utilize acquired skills and knowledge in achieving the organizational goals as a leader.

Aspiring for a leadership career in a challenging assignment in **Quality Assurance, New Product development, Supplier Management, SQA**

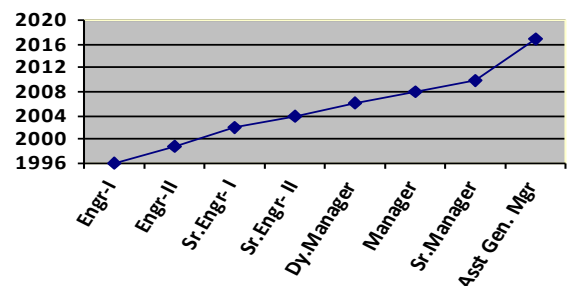
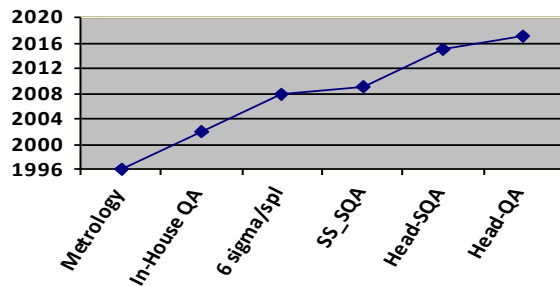
PROFILE

- **A Mechanical Engineering Professional with Six Sigma Black Belt & Bullet proof Manager certified**, possess 30+ years of Practical experience which includes,
 - Leading the QA function and drive QMS to attain customer requirements.
 - Drive team for, on time PPAP , built in quality process , loss hour elimination & fast response.
 - Managed SQA Department under Strategic Sourcing and driven team to achieve goals through SMART key result area including NPD.
 - Managed STA function and driven team to meet FORD and NALT customer requirements.
 - Handled the Parts Development as SQA for commodities like Castings, Forgings Machining and Proprietary. Expertized in Proto developments.
 - Supplier Evaluation and Selection process, Supplier Quality System Audit and up gradation, Supplier Performance management.
 - Cost reduction projects as part of VAVE (alternate material/process/source).
 - Frequent tech reviews with Customer/Supplier.
 - Layered audit, Process and Product Audit, Manufacturing Quality, Process Verification & Validation and Dock audits.
 - Supplier / In-house / Customer Quality Analysis and action.
 - Handled, Preventive Quality , In-house and Final Quality as section heads.
 - Managed Metrology as Calibration in-charge.
 - Facilities planning, tool room and Production.
 - Small Group activities, Quality Circles and Six Sigma Projects.
 - Mentoring fresh GETs and Trainer on various topics.
 - **Key Skills:-**
 - Do It Right the First Time (Part development)
 - GD&T
 - QMS
 - Six Sigma (Problem Solving/Cost saving), 8D, 5 Why Analysis.
 - MSA, PPAP, Rejection handling,
 - Kaizen, COPQ, COQ.
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PROFESSIONAL OUTLINE

- **M/S AVTEC Ltd., Hosur** (May 1996 to Mar'2018)
(Formerly known as **Hindustan Motors Ltd.**)

Functions and Positions @ HML / Avtec



Managing Quality function as Asst. General Manager in Components SBU

- Turnaround time on Customer response drastically reduced from 120 hours to 24 hours.
- Customer PPM reduced to 2.5K from 43K.
- Enhanced the Compliance% in both domestic and global customer audits.
- Developed and Equipped QA team to improve supplier/in-house/customer quality requirements.
- Initiated Supplier performance monitoring system for components SBU.
- Motivated team to achieve KRAs of individual, function and organization.
- Periodic Reviews, updates to maintain QMS.

Managed SQA/STA function under Strategic Sourcing as Senior Manager.

- Timely evaluation/re-evaluation of suppliers and initiated SWOT for supplier selection.
- Ensured timely development of NPDs to support R&D for quick prove out-ALSTOM.
- Involved directly, in customer tech reviews to conceive requirements
- Incorporated the updated technologies like 3D printing of sand moulds/cores to develop proto castings, without die/pattern – development time reduced drastically - DEFENCE
- De-risked the major dependency on imported sources.
- Prompt response to Ford customer concerns on supplier parts.
- Team Management, Sub-ordinate and successor development. Motivate team including suppliers to learn and adopt new things, to deliver their best performance beyond expectations

Worked as an SQA/ section Head under Strategic sourcing as Manager/Sr. Manager

- Based on spent analysis, proposed a split design for aluminium main housing and developed grey iron and aluminium castings with R &D support and saved Rs 48K/part to an average annual savings of INR 3.4 Cr
- Proto typing process introduced for low volume parts.
- Initiated, various cost saving projects as a part of VAVE. Successfully localized few critical stator assemblies using 3D scanning and an average annual savings of INR 3.2 Cr achieved.
- Ensured on-time development of NPD and NBD parts and handover through PPAP.

Undergone Six sigma black belt training and Worked on special assignment as Manager

- Established the foundry process for MEPZ unit's export components, as a part of an "on-site supplier improvement plan" @ a partner supplier in Coimbatore. Various initiatives on QCD successfully implemented.

Worked at In-House Quality Assurance for Housing & valves module as sr. Engineer / Dy. Manager

- Reduction of in-house PPM based on daily rejection review and develop CAPA.
- Reduction of first off inspection time by introducing functional gauges and minimized CMM dependent. Initiated auto programmes in CMM for ongoing parts.
- The effect of thermal expansion observed and introduced the usage of thermal sensors in CMM to achieve more authentic results.

Worked in Metrology lab. for calibration as a Engineer / Sr. Engineer

- Re-established the calibration frequency of gauges and instruments data analysis.
- Extended the calibration system to jigs and fixtures
- Initiated the on-line calibration system and successfully implemented.
- Established the calibration process and brought under QMS.

➤ **M/S STI Products India Ltd., Bangalore (Sept' 1993 to May 1996)** (Auto tensioner Division)

Worked in Preventive Quality , Facilities planning as an Inspection Engineer / General Foreman

- Being a key member of green field project, involved in selection of machineries, erection & prove out co-ordination and established MOQL for all perishable tools.
- Established QMS pertaining to PQ and calibration.
- Introduced Quality plans for all receiving parts.

➤ **M/S India Precision Bearings Mfg, Ltd, Gpd_ Chennai (Jan'88 to Sept' 93)** (Formerly known as **Kunal Machinery Mfg Ltd.)**

Worked in Production, Tool room and Facilities planning as a Supervisor / Foreman

➤ **M/S SAT Engineers, Chennai (May '87 to Jan'88)**

Worked as a supervisor in production, quality.

➤ **M/S Heavy Vehicles Factory , Avadi , Chennai (April 86 to April 87)** (Under Ministry of defence)

Undergone Supervisory Apprenticeship training in machine shop and T72 project

➤ **M/S Ambica Fabricators , Chennai (May 85 to April 86)**

Worked as an overall supervisor responsible for production & Quality

EDUCATION

Examination	Name of Institute	Year of Passing	Percentage	Remark
X Standard (SSLC)	VCHS School, Chennai	Apr 1982	79.5	First Class
Board of Technical Education (DME)	Murugappa Polytechnic , Chennai	May 1985	73	First Class

PROFESSIONAL DEVELOPMENT

- Certified professional on Calibration of Measuring Instruments and Tests at CMTI, Bangalore.
- Certified Internal Quality auditor for QMS from OMNEX Inc.
- Certified Six Sigma Black Belt from CAT university.
- Certified professional as Bullet Proof Manager from CRESTCOM
- Training on VAVE, TPM, Project management, audit skills
- Training on strategic sourcing concepts by Mckinsey
- Training on Mentoring and Leadership skills.

PERSONNEL DETAILS

Name : Ravichandran. M
DOB : 25. July .1967
Fathers Name : Marudhuswamy. S
Marital Status : Married
Language's known : Tamil, English (R/W/S)
Kanada (S)

Date : 26/06/2018

Place : Hosur

Ravichandran.